

65543

TOP SECRET

11 JUL 68 23 38Z

P 112258Z
FM NPIC WASHDC
TO OPCEN
DIRNSA
SSO DIA
SSO ACSI DA
AFSSO USAF (AFNIN)
STATE RCI
ZEM

TOP SECRET TITIT

CITE NPIC 4192

PASS TO

FOR COMIREX MEMBERS. THIS IS IN RESPONSE TO QUERIES RAISED AT THE COMIREX MEETING 11 JULY 68 REGARDING DIFFERENCES IN RESOLUTION AND INTERPRETABILITY OF INTELLIGENCE TARGETS IN MCGWG PROPOSAL VRS A NOMINAL KH4B MISSION PROVIDING

NPIC UNDERSTANDS THAT TO MEET THE MAPPING AND CHARTING REQUIREMENT THE 1104 MISSION WOULD BE LAUNCHED BETWEEN 0051Z AND 0151Z WITH 0130Z OPTIMUM, THE SLIT WIDTHS REMAINING CONSTANT AT 0.270 FOR THE FWD CAMERA AND 0.180 FOR THE AFT CAMERA. IT IS ESTIMATED THAT THIS WOULD PROVIDE A THEORETICAL GROUND RESOLUTION AT NADIR

DUE TO

SMEAR AT THE EDGE OF THE SWATH. BASED ON THESE THEORETICAL CALCULATIONS THE GROUND RESOLUTION FOR THIS MISSION COULD BE BETTER THAN THE NORMAL KH-4A PROVIDING HOWEVER BECAUSE OF THE LATER LAUNCH TIME (0130Z OPTIMUM) THE MISSION WOULD BE OVER PRIME INTELLIGENCE TARGETS IN THE EARLY MORNING AND LATE AFTERNOON HOURS RESULTING IN LOW SUN ANGLES WHICH WOULD CAUSE THE OBLITERATION OF TARGET DETAILS IN MOST CASES. THIS OBLITERATION COMBINED WITH THE SLIGHT LOSS OF RESOLUTION WOULD IN OUR OPINION REDUCE THE INTELLIGENCE VALUE OF THIS MISSION.

GP-1

360

TOP SECRET TALENT

ND OF MSG

25X1	
DISTRIB	25X1
CY	OFF 25X1 P1
1	FILE
2	CABLE SEC.
	PP&B/EN
	SECUR 25X1
	TSSG 25X1
	25X1
	PSG/OC
	RRD
	REPRO
	AID 25X1
	TEG
	PROD
	SCIENT
	WEST 25X1
	EAST
	M&S
	PGM
	IAS
	DIA-XX4
	SPAD
	DIA-AP
	25X1
	CMA

ADVANCE CY
SANITIZED
WITH TEXT

GROUP 1
Excluded from automatic
downgrading and
declassification